

TARGHEE NATIONAL FOREST

Mountain Pine Beetle Suppression Plan

FISCAL YEAR 1967

SUPPLEMENT NUMBER I

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3/23/67  
Date

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3/24/67  
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## I. Introduction

### A. General

This supplement is not intended to supersede the project suppression plan prepared at the beginning of the project. Reconnaissance and spotting results from work completed by the end of December, 1966 indicated that the size of the project was at least 100% larger than originally estimated.

The project was completely re-evaluated during the first part of January, 1967. It was apparent that we could not successfully complete a project of such magnitude, both from a financial and logistical standpoint. Funds were not available nor was manpower sufficient. Therefore, it was decided to curtail the project as of January 31, 1967.

Decisions were made to replan the project to treat the areas of highest priority, based on the land values involved. As a result of the replanning, the project is planned to continue as follows:

1. Eliminate Zone III and include existing contract units from that zone with Zone IV units.
2. Continue paintlining and 20% spotting on selected units with limited crews on Zones II and IV and complete contract preparation for spring contracting by May 1.
3. Award contracts and begin spring treating work on the revised project by May 1, 1967.

The purpose of this supplement is to show what is the job ahead; how we intend to accomplish it; and what equipment, supplies, manpower, and finances are needed for such accomplishment. The original project plan will continue to be the guide for all items not covered in this supplement.

### B. Description of Work by Zones

Zone II - There are nine contract units in progress on this zone. Thirteen additional units will need to be awarded. No force account units are planned. Forest Service crews will paintline and 20% spot the additional units by May 15, if possible.

An insect-control camp and insecticide dump will be operated at the zone headquarters at the Island Park Ranger Station.

Zone IV - There are eleven contract units in progress on this zone. Twenty-six additional units will need to be awarded. One force-account unit is planned. Forest Service crews will paintline and 20% spot the additional units by May 15, if possible.

The zone headquarters is located at the Porcupine Guard Station on the Porcupine District and the insecticide dump at the Rapid Creek Guard Station on the Driggs District will serve this zone. It will be necessary for several small camps to be set up as needed. No large camps will be established.

#### State and Private

Cooperative treating will be carried out on State and private lands, both inside and adjacent to the National Forest. Private land treatment will be covered by cooperative agreement with the land-owners. State land treatment will be covered by letter of permission from the State Forester.

#### C. Summary of Infested Trees

<u>Unit</u>	<u>How</u>	<u>Status</u>	<u>Est. Acres</u>	<u>Est. Trees</u>	<u>Trees Treated</u>	<u>Trees To Treat</u>
<u>Zone II:</u>						
S. Anderson	Contract	Awarded	2,800	13,200	10,560	2,640
Grandview	Contract	Not Awarded	4,200	6,300	---	6,300
N. Anderson	Contract	Awarded	3,200	7,800	4,359	3,441
W. Mesa	Contract	Awarded	3,200	6,100	---	6,100
E. Mesa	Contract	Not Awarded	4,400	6,600	---	6,600
Sheep Falls	Contract	Awarded	2,200	3,000	---	3,000
S. Big Bend	Contract	Awarded	9,000	15,000	10,844	4,156
W. Riverside	Contract	Not Awarded	3,700	2,200	---	2,200
Sadorus	Contract	Awarded	4,000	4,300	4,359	---
N. Big Bend	Contract	Awarded	3,000	3,500	154	3,346

Jackson Mill	Contract	Not Awarded	5,400	7,000	---	7,000
Lyle Spring	Contract	Not Awarded	3,500	5,000	---	5,000
Antelope Spring	Contract	Not Awarded	700	1,900	504	1,396
West Bishop	Contract	Not Awarded	7,800	25,000	---	25,000
Green Canyon	Contract	Not Awarded	3,000	4,500	---	4,500
Bear Creek	Contract	Not Awarded	2,700	4,000	---	4,000
Smead Canyon	Contract	Not Awarded	3,600	6,000	---	6,000
Corral Creek	Contract	Awarded	800	750	---	750
E. Riverside	Contract	Not Awarded	3,300	4,000	---	4,000
Osborn Spring	Contract	Not Awarded	3,300	3,500	---	3,500
High Point	Contract	Not Awarded	5,400	5,400	---	5,400
Little Butte	Contract	Not Awarded	<u>4,800</u>	<u>5,000</u>	<u>---</u>	<u>5,000</u>
Sub-Total			84,000	140,050	31,453	109,325

Zone IV:

Pinochle	Contract	Awarded	3,400	38,000	38,671	---
Bitch Creek	Contract	Awarded	4,500	31,000	2,370	28,630
Lower Jackpine	Contract	Awarded	2,200	4,000	1,500	2,500
McReynolds	Contract	Awarded	2,400	7,450	1,600	5,850
Upper Jackpine	Contract	Awarded	3,500	7,000	---	7,000
Hidden Lake	Contract	Awarded	2,500	4,000	---	4,000
Boone Creek	Contract	Awarded	660	1,900	---	1,900
Coyote Creek	Contract	Not Awarded	2,250	5,000	---	5,000
S. Cart Hollow	Contract	Not Awarded	3,900	26,000	---	26,000
N. Cart Hollow	Contract	Not Awarded	2,100	21,000	---	21,000

Buggy Spring	Contract	Not Awarded	3,100	21,600	----	21,600
Chain Lakes	Contract	Not Awarded	2,300	7,250	----	7,250
Ernest Lake	Contract	Not Awarded	2,700	3,500	----	3,500
S. Dry Creek	Contract	Awarded	3,300	26,000	17,570	8,430
N. Dry Creek	Contract	Awarded	2,350	12,300	12,303	----
Fall River	Contract	Awarded	3,100	15,000	8,110	6,890
Indian Lake	Contract	Not Awarded	3,200	6,050	----	6,050
Dog Creek	Contract	Not Awarded	3,000	15,000	----	15,000
Steele Lake	Contract	Not Awarded	2,200	4,500	----	4,500
Wyoming Creek	Contract	Not Awarded	5,100	10,000	----	10,000
Goose Lake	Contract	Not Awarded	3,400	7,500	----	7,500
Porcupine	Contract	Not Awarded	3,900	12,000	----	12,000
Horseshoe Lake	Contract	Not Awarded	3,350	7,000	----	7,000
Rising Butte	Contract	Not Awarded	3,900	8,000	----	8,000
Rock Creek	Contract	Awarded	5,500	15,400	9,323	6,077
Snow Creek	Contract	Not Awarded	3,000	8,000	----	8,000
Robinson	Contract	Not Awarded	1,825	7,250	----	7,250
Fish Creek	Contract	Not Awarded	1,500	4,200	----	4,200
Warm River Butte	Contract	Not Awarded	2,000	4,500	----	4,500
Warm River	Contract	Not Awarded	1,850	6,300	----	6,300
S. Reese	Contract	Not Awarded	700	9,000	----	9,000
N. Reese	Contract	Not Awarded	700	8,000	----	8,000
Hill	Contract	Not Awarded	275	5,000	----	5,000
Fredrickson	Contract	Not Awarded	1,000	10,000	----	10,000
Lower Fall River	Contract	Not Awarded	630	10,000	----	10,000

Reiman	Contract	Not Awarded	875	15,000	---	15,000
Lower Robinson	Contract	Not Awarded	1,200	13,000	---	13,000
Calf Creek	Force Acct.		1,000	500	---	500
Misc.	Force Acct.		<u>1,500</u>	<u>1,000</u>	---	<u>1,000</u>
Sub-Total			95,865	418,200	91,447	327,427
To be logged (2/1/67 - 7/31/67)				21,370		21,370
Force Account treating prior to replanning				6,880	6,880	
Cooperator logging				<u>2,000</u>		<u>2,000</u>
GRAND TOTAL			95,865	588,500	129,780	350,797

State and Private - The following shows trees and acres to be treated which are included in the above grand total:

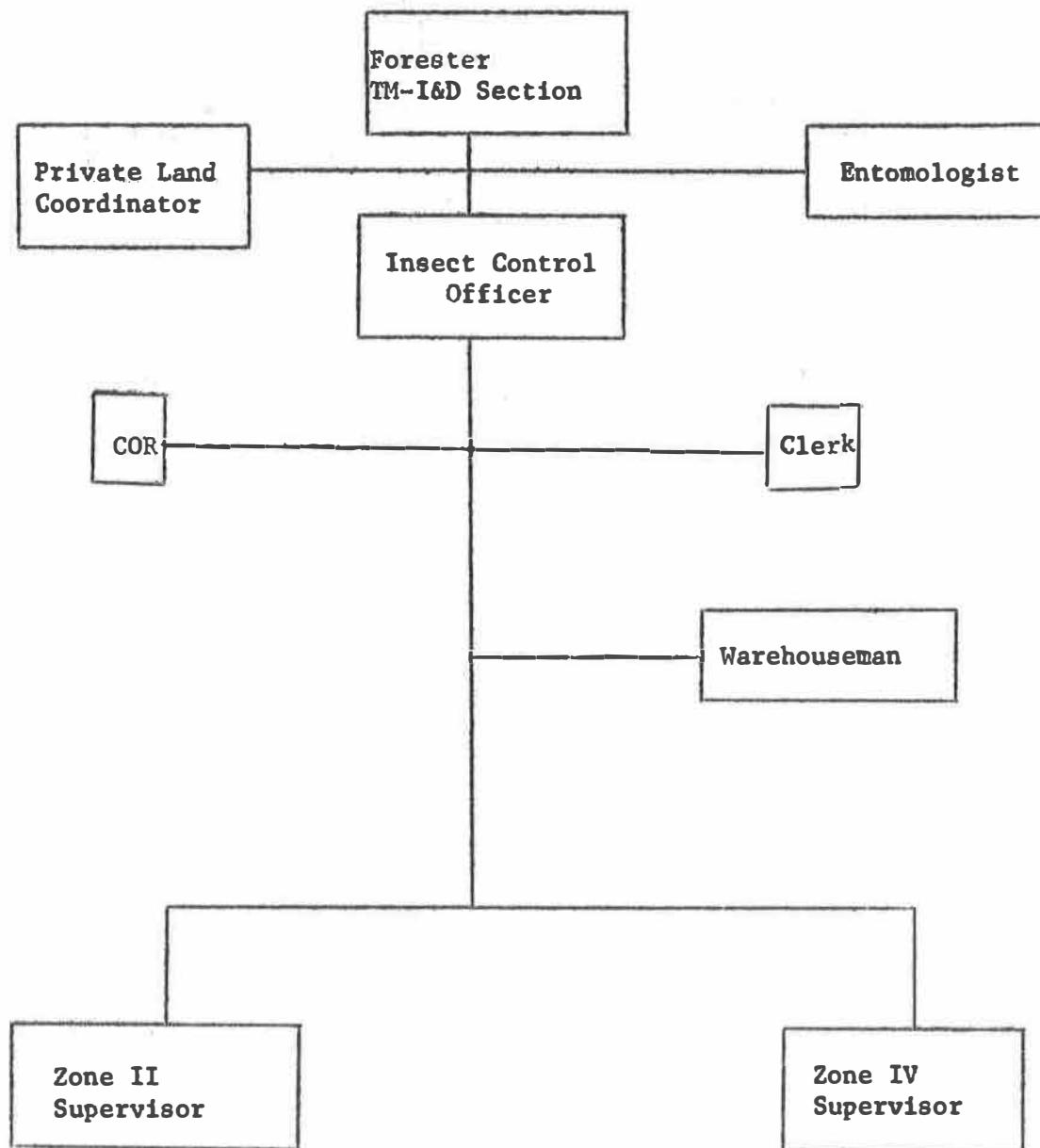
	<u>Trees</u>	<u>Acres</u>
<u>Zone II:</u>		
State	2,900	2,750
Private	650	425
<u>Zone IV:</u>		
State	6,000	1,300
Private	<u>66,000</u>	<u>5,500</u>
Total:	75,550	9,975

One private landowner is logging under agreement to be paid \$1.00 per tree for each tree satisfactorily removed by July 15. The area is located adjacent to Leigh Creek on the old Zone III in Teton Basin. There will be approximately 2,000 trees removed under that agreement.

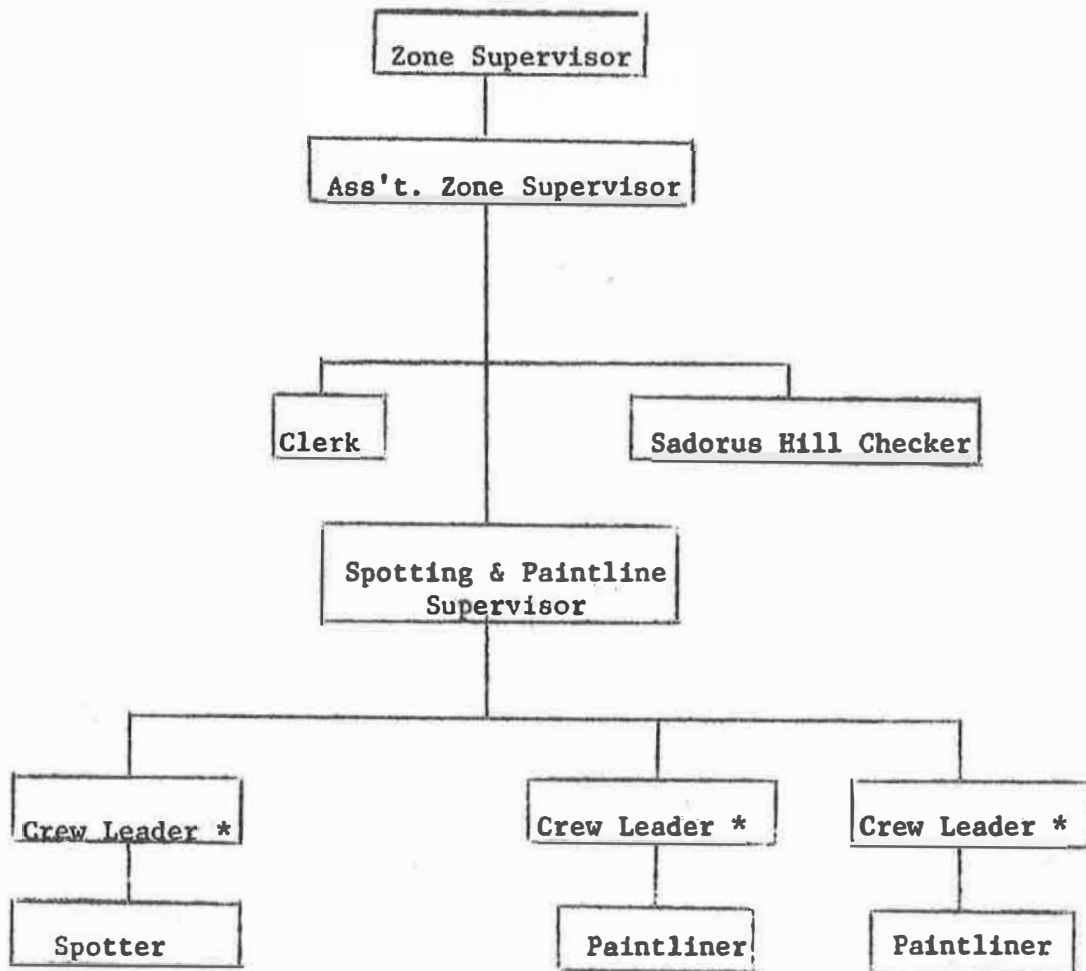
## II. Organization

February 1, 1967 - April 30, 1967

### a. Insect-Control Headquarters - St. Anthony, Idaho

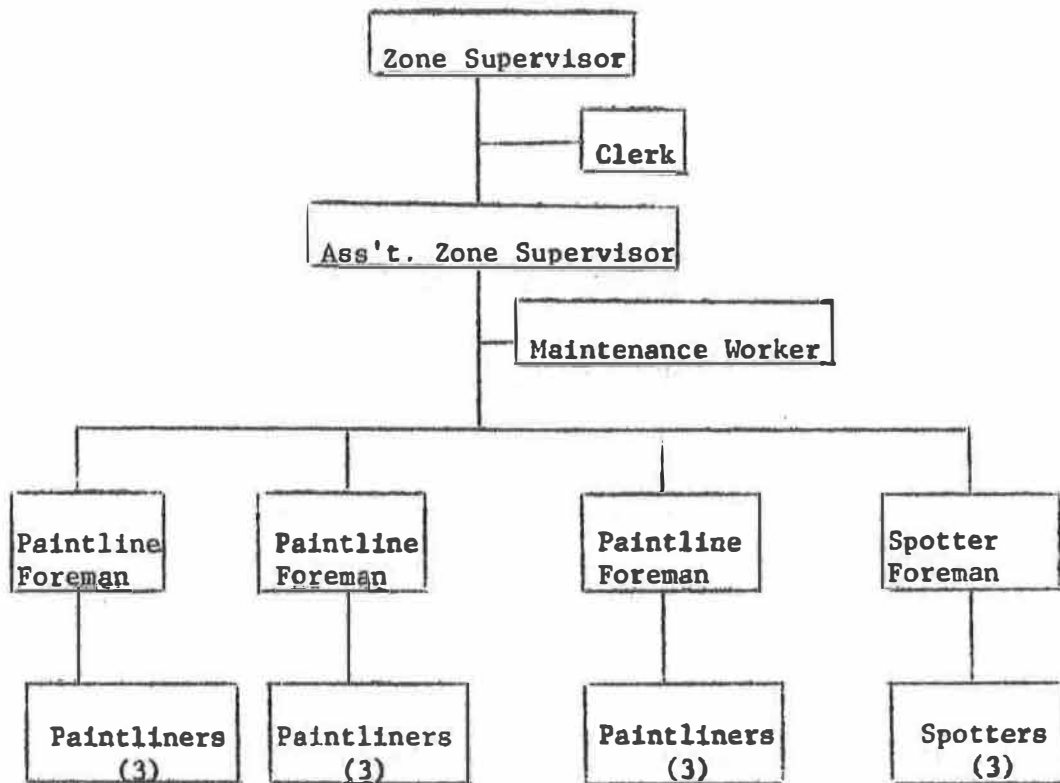


b. Zone II - Island Park, Idaho



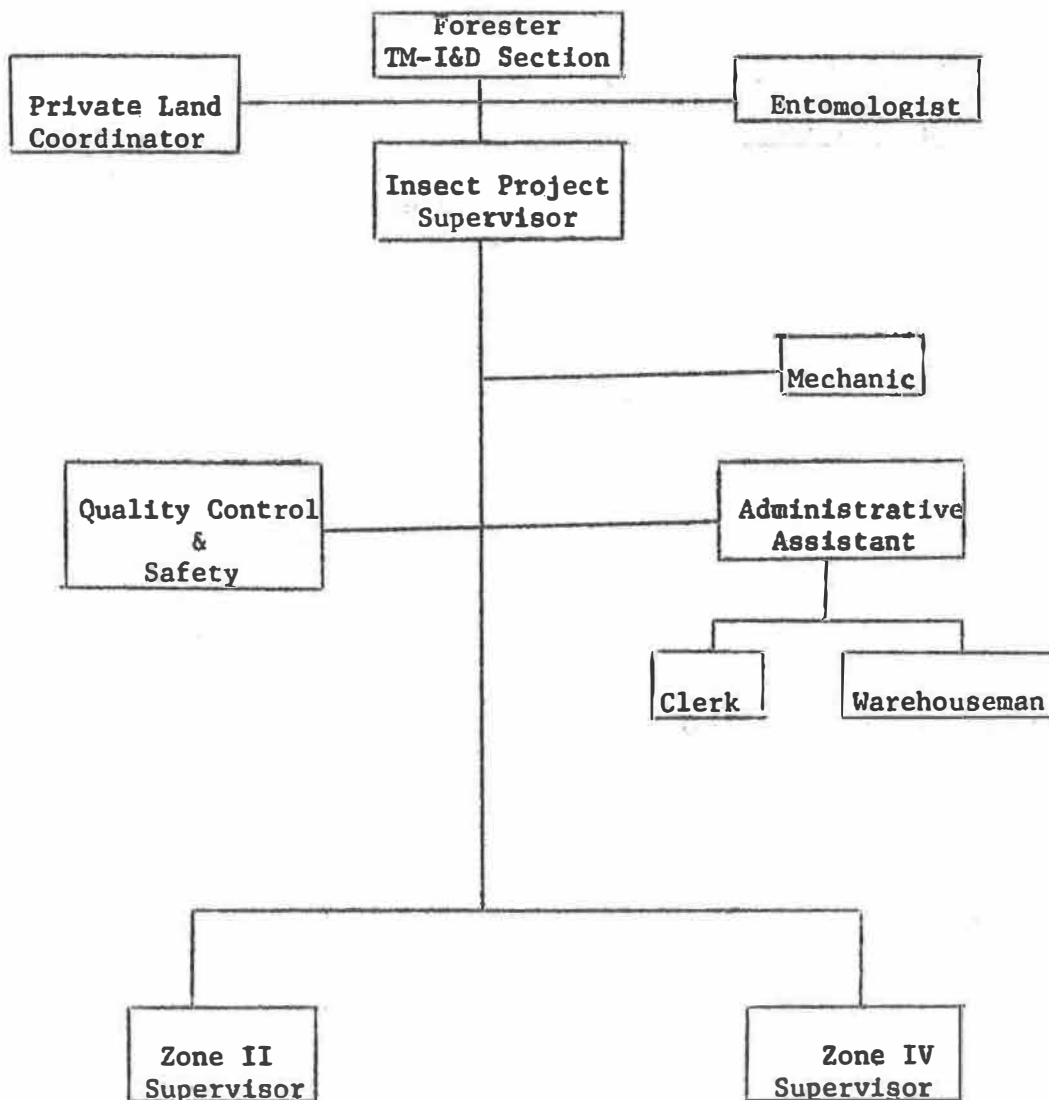
\* These 3 crews are listed in this way because it is planned that more financing will be available and the crews will be enlarged in this way. Presently all 3 crews are working in such a combination that only 2 crews actually exist, with a minimum of 3 on the spotting crew.

c. Zone IV - Porcupine Guard Station, Idaho

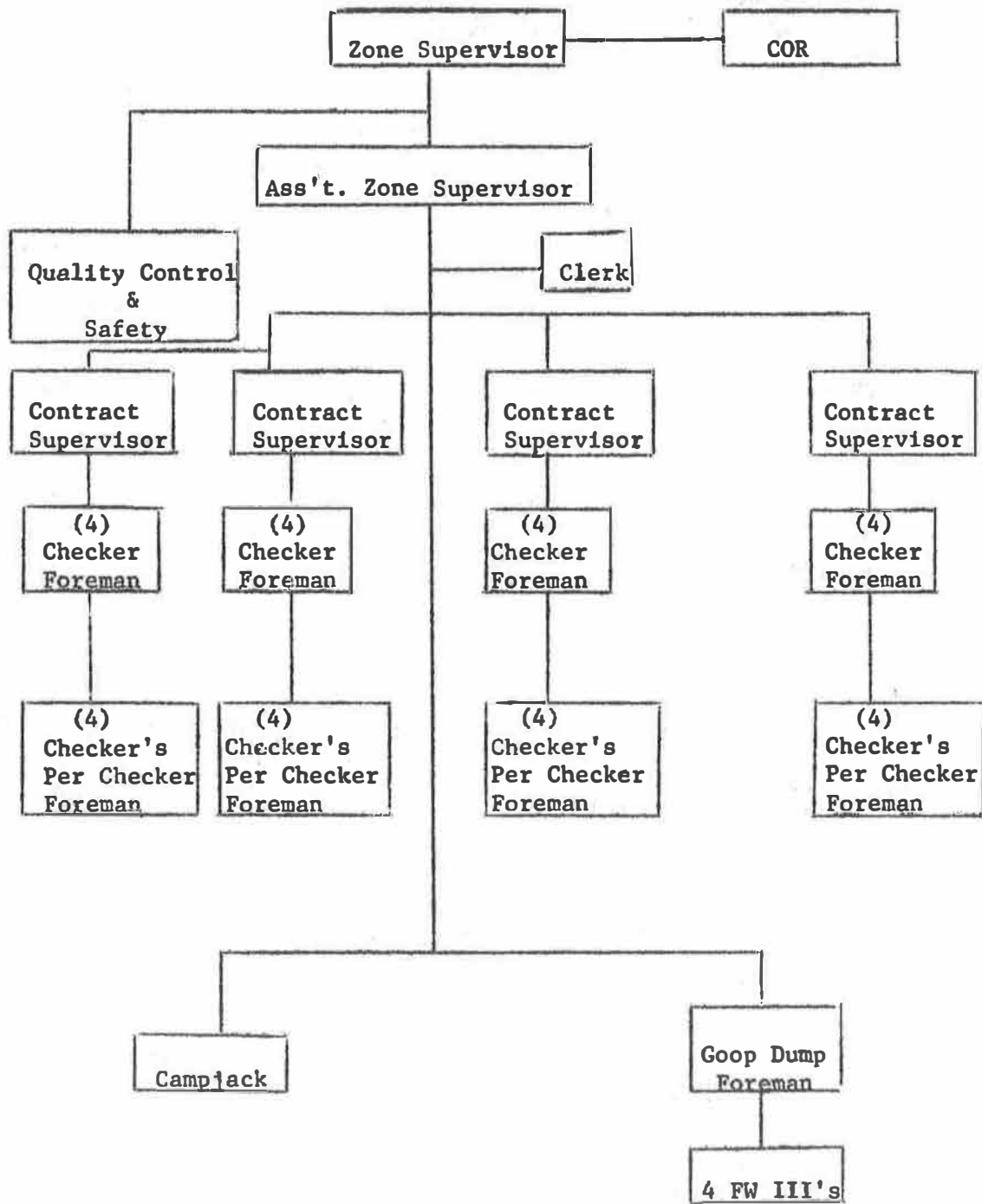


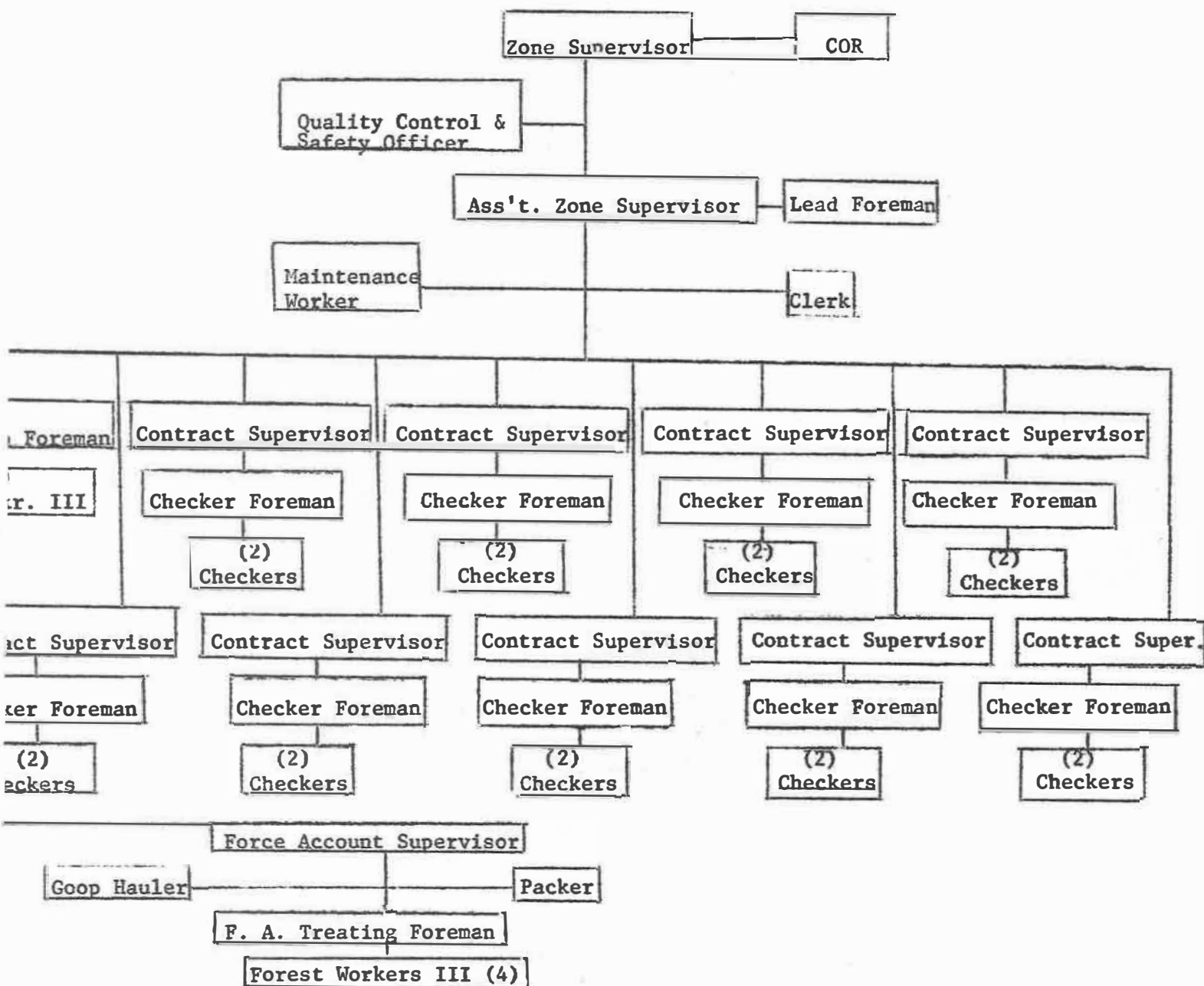
May 1, 1967 - July 15, 1967

a. Insect-Control Headquarters - St. Anthony, Idaho



b. Zone II - Island Park, Idaho





c. Zone IV - Porcupine Guard Station, Idaho

d. Summary of Manpower Needs

(May 1 - July 15)

<u>Location</u>	<u>Position</u>	<u>Assigned</u>	<u>Detailer Forest</u>	<u>Detailer Off-Forest</u>	<u>Local Hire</u>	<u>Total</u>
S.O.	TM Staff	1				1
	Insect Control Officer	1				1
	Entomologist	1				1
	Mechanic			1		1
	Quality Control & Safety Officer		1			1
	Admin. Assistant			1		1
	Clerk	1				1
	Warehouseman	1				1
	Sub-Total	5	1	2	0	8
Zone II	Zone Supervisor	1				1
	Ass't. Supervisor		1			1
	Quality Control & Safety Officer			1		1
	Clerk				1	1
	Contract Supervisor		1	3		4
	Checker Foreman		14	5		19
	Checkers				72	72
	COR		1			1
	Campjack		1			1
	Dump Foreman		1			1
	Dump Crewmen		2		2	4
	Sub-Total	1	21	9	75	106
Zone IV	Zone Supervisor	1				1
	Ass't. Supervisor			1		1
	Quality Control & Safety Officer		1			1
	Clerk				1	1
	COR		1			1
	Warehouseman				1	1
	Lead Foreman		1			1
	Dump Foreman				1	1
	Dump Crewman				4	4
	Contract Supervisor		3	6		9
	Checker Foremen			9		9
	Checkers			1	18	19

Force Acct. Supervisor			1		1
F. A. Treating Foreman			1		1
F. A. Treaters				4	4
Packer				1	1
Goop Hauler				1	1
Sub-Total	1	6	19	31	57
TOTAL	7	28	30	106	171

### III. Equipment and Supplies

#### a. Vehicles - (May 1 - July 31)

Type	SO	II	IV	Total Needed	I.C. On Hand	Available Forest Fleet	Balance Needed
Pickups	6	9	15	30	5	8	17
4x4 carryalls*		10	7	17	9	3	5
Stake trucks**	1	1	1	3	1	1	1
Weapons carriers		2	1	5	12		
Stock trucks		1		1		1	
Horse trailers	1	1	2	4		4	
TOTAL	8	24	26	60	27	17	23

#### b. Supplies

Diesel oil needed - 1,020,000 gallons

EDB concentrate needed - 53,000 gallons

Total insecticide needed - 1,073,000 gallons

Misc. supplies needed:

Item	Amount	Estimated Cost
Orange flagging	5 cases	\$180.
Yellow flagging	1 case	\$ 36.
Jeep cans	3000 each	\$6,900.
Tree marking paint (orange)	900 gallons	\$2,385.

\* Six passenger pickups (4x4) may be substituted.

\*\* Two 1 1/2-ton and one 1-ton.

Rods and nozzles	140 each	630.
Stirrup pumps	70 each	525.
Hose (3/8" oil proof)	7000 feet	720.
Tree tags	350,000 each	<u>\$1,838.</u>
	TOTAL	\$13,214.

#### IV. Contracts

It will be necessary to contract forty additional treating units. All units are planned to be ready for advertising by May 15. However, indications of available financing make it necessary to plan to award some of the units on July 1, 1967. We plan to award thirty-one treating units by May 15 and the remaining nine units on July 1.

Oil, EDB, packing, and subsistence are in force until the end of the project. Therefore, no other types of contracting are planned.

#### V. Quality Control

We plan to continue the quality control system which was used last fall. Each zone will have a quality control officer reporting only to the zone supervisor. A project quality control officer will report to the insect control officer. A large contract checking organization is set up for contracts on each zone. Only one force-account unit is planned on Zone IV. The zone quality control officer will check that work.

Each zone quality control officer will make a written report, to the zone supervisor, on his findings each week and send a copy to the insect control officer.

Contract checkers will check all treated and spotted trees on contracts awarded prior to January 1, 1967. These contracts provide that such checking will be done. All future contracts will be checked on a sample basis. The degree of checking will depend on the quality of work carried on by each individual contractor.

#### VI. Finance

The Forest has received financing to carry out planned work to 04/30/67. The following are funds needed for completion of revised project as outlined to Regional Office Insect and Disease Control Branch personnel at the January planning meeting held in the Targhee Supervisor's Office.

A. F.Y. 1967

Oil and EDB	\$ 156,000
Treating Contracts	607,000
Treating Overrun (existing contracts)	39,000
General expenses	20,000
SO Staff expenses and Misc. supplies	24,400
Zone II expenses	102,500
Zone IV expenses	<u>79,100</u>
Total F.Y. 1967 funds needed	\$1,028,000

B. F.Y. 1968

Oil and EDB	30,000
Treating contracts	208,350 -
General expenses	35,000
SO Staff expenses and Misc. supplies	7,620
Zone II expenses	20,600
Zone IV expenses	<u>27,100</u> 55320
Total F.Y. 1968 funds needed	\$ 328,670

C. Total planned cost per tree

$$\frac{\text{Total planned expenditures}}{\text{Total planned trees}} = \frac{2,815,670}{588,500} = \$4.78$$

VII. Planned Work Schedule

<u>Job</u>	<u>Planned Accomp. Date</u>	<u>Accomplished</u>
1. Complete and submit plan for approval.	03/15/67	

- |  |                     |
|--|---------------------|
| 2. Request detailers and vehicles.                         | 03/15/67            |
| 3. Advertise first contracts.                              | 04/14/67            |
| 4. Award first contracts.                                  | 05/01/67            |
| 5. Start spring treating, open camps, organize crews, etc. | 05/03/67            |
| 6. Order supplies.   | 04/01/67            |
| 7. Complete field preparation of all treating units.       | 05/15/67            |
| 8. Advertise second contracts.                             | 05/19/67            |
| 9. Award second contracts.                                 | 06/05/67            |
| 10. Advertise third contracts.                             | 06/09/67            |
| 11. Award third contracts.                                 | 07/01/67            |
| 12. Snow removal.  | 05/01-05/15/67      |
| 13. Training meetings.                                     | 05/15 & 05/16/67    |
| 14. Furid roundups.  | 06/06 & 06/20/67    |
| 15. Notify RO of finances.                                 | 06/09/67 & 06/21/67 |
| 16. Complete all units.                                    | 07/15/67            |

#### VIII. Road Maintenance

It is planned to remove snow and maintain the main access roads from FR&T funds at the beginning of the spring project to provide drainage and drying of the road surfaces so that excessive damage will not result.

The following is the list of roads planned for snow-removal and maintenance:

<u>Road</u>	<u>Estimated Miles System Road</u>	<u>Estimated Miles Non-System Road</u>	<u>Total</u>
Green Canyon			
Davis Lake	5		5
Antelope Flat	13		13

Bishop Mountain	5		5
Old Antelope Flat	13		13
Anderson Mill	6		6
Sadorus Hill		3	3
Snow Creek	8		8
Cave Falls Highway	6		6
Reclamation	7		7
Jackass	5		5
Dry Creek		3	3
Coyote Meadows	9		9
Jackpine	8		8
Various	<u>      </u>	<u>10</u>	<u>10</u>
TOTAL	85	16	101